

m/049/009

January 22, 1986

TO: Noncoal File

FROM: Dave Cline, Reclamation Hydrologist

RE: Site Tour and Meeting at Sunshine Mining Company-Trixie  
Mine Tailings Ponds, ACT/049/009, Utah County, Utah

On January 21, 1986 Dave Cline and Rick Summers of the Division met with Glenn Mellor of Sunshine Mining Company at the Burgin Mine site. The purpose of the meeting was to discuss comments made by Mr. Cline and Mr. Summers in the January 21, 1986 letter from the Division to Sunshine concerning Sunshine's Application for a Permit to Operate and Construct Tailings Ponds for the Trixie Mine. The comments made by the Division hydrologists concerned diverting undisturbed drainage around the tailings ponds and the reclamation of the ponds.

The Division indicated that an accurate watershed map needed to be submitted in order to calculate a peak flow value from the undisturbed area for a 10-yr 24-hr precipitation event. Information was provided to Sunshine concerning the design of a diversion ditch capable of passing the above computed peak flow value.

Discussions of reclamation of the tailings ponds also occurred. An agreement was reached between the Division and Sunshine that the natural drainage would not be redirected through the reclaimed ponds and that the drainage would continue to be diverted to the north of the ponds. Ditch sizing calculations will be performed to determine the adequacy of this permanent diversion.

Sunshine indicated that the old tailings ponds #'s 2, 3, and 4 would be reclaimed. Ponds 2 and 4 are currently full and Pond 3 has never been used.

cc: Sue Linner  
Rick Summers  
0631R